

**REMARKS**

Applicants thank the Examiner for the thorough consideration given the present application.

Claims 1, 6, 8-11, 14-17, 19-21, and 53-73 are pending in this application. Claims 2-5, 7, 12-13, 18 and 22-52 are cancelled and claims 53-73 are added. Claims 1, 6, 20, 57, 59 and 70 are independent.

Reconsideration of this application, as amended, is respectfully requested.

**New Claims**

Claims 53-56 depend from impendent claims 1, 6 and 20, and are thus allowable at least for the same reasons that these independent claims are allowable as discussed below.

Apparatus claims 57-73 correspond respectively to method claims 1, 55, 6, 8-11, 14-17, 19, 56, 20-21, 53 and 54, and are allowable since they contain similar subject matter as the method claims.

**Drawings**

Applicants have not received a Notice of Draftsperson's Patent Drawing Review PTO-948 indicating whether or not the formal drawings have been approved by the Draftsperson. Since no objection has been received, Applicants assume that the drawings are acceptable and that no further action is

necessary. Confirmation thereof in the next Office Action is respectfully requested.

**Rejections under 35 U.S.C. §103(a)**

Claims 1, 3-15, 17-28, 30-41 and 43-52 are rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,995,933 to Fado et al. in view of U.S. Patent No. 6,417,868 to Do. Claims 16, 42 and 43 are rejected under 35 U.S.C. §103(a) as being unpatentable over Fado et al. in view of Do, and further in view of U.S. Patent No. 5,828,834 to Choi. These rejections, as they apply to the presently pending claims, are respectfully traversed.

Fado et al. is directed to providing screen pages that would help a user to connect a microphone to a computer and to test the microphone as shown in Figs. 8-21 of Fado et al. However, Fado et al. displays menu items for selecting different devices, on a screen page that is different from a screen page on which the connection instructions are written. In contrast, Applicants' embodied invention displays the menu items (20 in Applicants' Fig. 3) on the same screen page as where the graphical illustration, showing how the connections are made, is shown.

Furthermore, in Fado et al. the guide on how to connect the devices is provided as a *written text* 266 as shown in Fig. 21. The graphical illustration shown in Fig. 21 of Fado et al. merely shows the general environment in which the connection is made. The graphical illustration shown in, e.g., Fig. 21 of

Fado et al. is not detailed enough to allow the user to make the needed connections between the devices, because the guide is provided with the text 266. All the graphical illustrations in Fado et al. merely show some wires put into the back of the computer, but does not show *graphically* the exact connection from a terminal to a terminal of the devices such that the user can make the same electrical connections by viewing the graphical illustration as in Applicants' claimed invention.

Do does not overcome these deficiencies of Fado et al. since Do is merely relied on for the general teaching of using multiple electronic devices connected to each other. Choi also does not overcome the deficiencies of Fado et al. since Choi is merely relied on for receiving some input signals from an input device.

Therefore, even if the references are combinable, assuming *arguendo*, the combination of references does not teach or suggest, *inter alia*:

displaying a menu on a screen page..., each menu item identifying a different combination of devices to be connected; and

displaying, on the same screen page, a guide illustration in response to a user's selection of one of the menu items, the illustration showing how to connect the digital TV to at least one of the at least two peripheral devices

as recited in independent claim 1;

displaying a graphical illustration on a display screen..., the graphical illustration demonstrating electrical connections between at least two devices among the digital TV and the at least two peripheral devices, whereby the user can make the same

electrical connections by viewing the graphical illustration

as recited in independent claim 6; and

displaying a menu on a screen page..., each menu item identifying a different combination of devices to be connected; and

displaying a graphical illustration on the same screen page..., the graphical illustration depicting connection terminals of the main device and connection terminals of each of the at least two peripheral devices, the graphical illustration further depicting connections between the connection terminals of the main device and the peripheral devices indicated by the user-selected menu item, such that the user can make the same connections by viewing the graphical illustration

as recited in independent claim 20. Apparatus independent claims 57, 59 and 70 are allowable since they contain similar subject matter.

In view of the foregoing, it is respectfully submitted that all of the independent claims and the dependent claims (due to their dependency) are allowable over the applied references, and the rejections should be withdrawn.

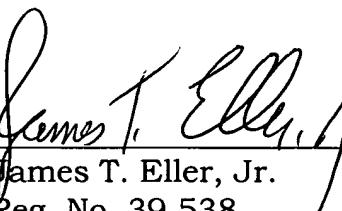
### **CONCLUSION**

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. It is believed that a full and complete response has been made to the outstanding Office Action, and that the present application is in condition for allowance.

However, if there are any outstanding issues, the Examiner is invited to telephone Esther H. Chong (Reg. No. 40,953) at 703-205-8000 in an effort to expedite prosecution.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17, particularly extension of time fees.

Respectfully submitted,  
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